INFORMATICS

STEM
Science, Technology, Engineering, and Math
Informatics goes beyond hardware and software. It thinks big picture, studying how the world uses technology to communicate, work and engage. Then it goes a step further, applying that knowledge to solve issues facing business, healthcare, science, law, the arts and entertainment. See yourself developing a global database to track and help prevent the spread of disease? How about inventing the next great smartphone or mobile app? Want to one day rival Facebook? Or design an IT system that revolutionizes how businesses operate? It's all possible with informatics. You'll enjoy a computing career helping people lead better lives through the power of information technology.

**Sample Coursework**
- Human-Computer Interaction
- Information Infrastructure
- Organizational Informatics
- Project Management
- Applications of Data Mining
- Applying Web Services in Information Systems

**Possible Career Opportunities**
- Application/IT Consultant
- Computer Systems Analyst
- Data Analyst
- Quality Assurance
- Software Developer
- Web Developer

**Employment and Graduate School Information**

**Employment Outlook**
According to the Bureau of Labor Statistics, the job outlook in all career fields related to Informatics will grow faster than average (15% - 25%) through 2022. Cloud technology, big data, and increasing use of analytics in all industries will continue to be drivers of job growth as companies implement systems and solutions to meet their needs.

**Salary Expectations**
Examples of national median annual salaries of careers that can be obtained with an Informatics degree are (O’Net 2013): Computer Systems Analyst $81,190, Quality Assurance $82,330, Software Developer $92,660, Web Developer $63,160.

(This section is intended for informational purposes, not predication of actual salary. Salary information is based on national salary ranges which are greatly impacted by location and relative cost of living.)

**Graduate/Professional School Opportunities**
Informatics graduates may choose to pursue advanced degrees in Bioinformatics, Human-Computer Interaction, Informatics, and Health Informatics.

**Where Could I Work?**
- Digital Marketing Agencies
- E-Commerce
- Healthcare Companies
- Health IT Companies
- IT Services Companies
- IT Positions in Any Industry

**Where Can I Get More Information?**
IU School of Informatics and Computing  
Office: IT 475 Phone: (317) 278-4636  
soc.iupui.edu

School of Informatics Career Services  
soc.iupui.edu/careers/

**Interest Code**
- Investigative
- Social
- Realistic